

ABSTRACT

Methods and systems are disclosed for phototreatment in which replaceable containers comprising one or more adjuvant (consumable or re-useable) substances are employed. The adjuvant substance can be, for example, a topical substance or a
5 coolant. Systems are disclosed for using a topical substance to detect contact of a phototreatment device with a tissue, detect speed of a phototreatment device over the tissue, detect regions of tissue that have been treated by a phototreatment device and/or to provide other benefits to the tissue such as improved skin tone and texture, tanning, etc. Safety systems are also disclosed that ensure that a proper consumable substance
10 and/or container is connected to a phototreatment device and/or directed to a proper target. Additionally, cooling systems and methods that utilize phase change materials for extracting heat from a light generating device are disclosed.